

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David D. Beatty on 2/12/08.

In the claims

2. (Currently Amended) The heating device of Claim 1 including:
a first susceptor portion and a second susceptor portion disposed on opposed sides of the processing chamber, wherein the liner is a first liner disposed between the first susceptor portion and the processing chamber; and
a second liner disposed between the second susceptor portion and the processing chamber.

5. (Currently Amended) A heating device comprising:
a housing assembly defining a processing chamber and including:
a susceptor surrounding at least a portion of the processing chamber; and
a thermally conductive liner interposed between the susceptor and the processing chamber, wherein the liner is separately formed from the susceptor;

wherein the susceptor includes a susceptor core of a first material and a susceptor coating of a second material wherein the coating completely surrounds the core;

wherein the second material is selected from the group consisting of refractory metal carbides; and

wherein the liner is interposed between the susceptor coating and the processing chamber; and

an EMF generator configured to generate an electromagnetic field to induce eddy currents within the susceptor, wherein the susceptor converts the eddy currents to heat.

Allowable Subject Matter

Claims 1-12 allowed.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Claim 5 – Prior art (US Patent No. 6,740,167 – Rupp et al) does not teach claim limitation “wherein the susceptor includes a susceptor core of a first material and a susceptor coating of a second material wherein the coating completely surrounds the core;

wherein the second material is selected from the group consisting of refractory metal carbides” in the context of remaining limitations of the claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RAKESH K. DHINGRA whose telephone number is (571)272-5959. The examiner can normally be reached on 8:30 -6:00 (Monday - Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Parviz Hassanzadeh can be reached on (571)-272-1435. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Rakesh K Dhingra/
Examiner, Art Unit 1792

/Parviz Hassanzadeh/
Supervisory Patent Examiner, Art Unit 1792